

MOISTURE DETECTOR

Abstract Of The Disclosure

- 5 A moisture detector detects moisture in a closed environment. A microcontroller is connected to an elongated strip sensor, a spot sensor, or a combination of strip sensors and spot sensors. The elongated strip sensors have fabric substrate with parallel conductor strips. The spot sensors comprise point electrodes embedded in a substrate consisting of existing building material. The conductor strips and the point electrodes are connected to the microcontroller.
- 10 The electrical resistance of the substrates vary based on the amount for moisture absorbed, and the microcontroller may be programmed to detect a threshold resistance indicative of the presence of moisture. Once moisture is detected, the microcontroller can provide various alarm functions and communication functions.